# **WEST Search History**

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DATE: Tuesday, May 08, 2007

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	DB =	USPT; PLUR=YES; OP=OR	
	L4	(("6832192"   "5920837"   "6633846"   "7085716"   "5819223"   "5915236"   "6064959"   "6018708"   "5884259"   "6067514"   "5797123"   "6073097"   "5909666"   "7013277"   "7089186")!.PN.) .p67-p149.	15
	DB=	USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=OR	
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	DB=	PGPB,USPT; PLUR=YES; OP=OR	
		(20050038647 4790017 4817161 4912766 5233681 5329243 5479560 5515475 5539861 5557661 5577162 5590242 5812944 5895447 6195634 5761637 4477925 4910669 5454062 5748840 5751907 5970453 4464119 4489435 4570232 4570746 4759068 4819271 4903305 4977599 4980918 5315689 5505198 5608841 5608840 5615299 5623609 5638489 5706397 5737490 5745873 5754972 5765132 5794189 5839107 5845245 5905971 5924066 5995929 6018708).pn.	50

END OF SEARCH HISTORY

# **Search Results -** Record(s) 1 through 15 of 15 returned.

L4: Entry 1 of 15

File: USPT

Aug 8, 2006

US-PAT-NO: 7089186

DOCUMENT-IDENTIFIER: US 7089186 B2

TITLE: Speech information processing method, apparatus and storage medium

performing speech synthesis based on durations of phonemes

DATE-ISSUED: August 8, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040215459 A1

October 28, 2004

US-CL-ISSUED: 704/258 US-CL-CURRENT: 704/258

INT-CL-ISSUED:

TYPE IPC DATE IPC-OLD

IPCP G10L13/08 20060101 G10L013/08

INT-CL-CURRENT:

TYPE

IPC

DATE

CIPP G10 L 13/08 20060101

· L4: Entry 2 of 15

File: USPT

Aug 1, 2006

US-PAT-NO: 7085716

DOCUMENT-IDENTIFIER: US 7085716 B1

TITLE: Speech recognition using word-in-phrase command

DATE-ISSUED: August 1, 2006

US-CL-ISSUED: 704/235; 704/251 US-CL-CURRENT: 704/235; 704/251

INT-CL-ISSUED:

TYPE IPC DATE IPC-OLD G10I015/26

IPCP G10I15/26 20060101

INT-CL-CURRENT:

TYPE IPC DATE CIPP G10 L 15/26 20060101

L4: Entry 3 of 15

File: USPT

Mar 14, 2006

US-PAT-NO: 7013277

DOCUMENT-IDENTIFIER: US 7013277 B2

TITLE: Speech recognition apparatus, speech recognition method, and storage medium

'DATE-ISSUED: March 14, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20010020226 A1

September 6, 2001

US-CL-ISSUED: 704/257; 704/251 US-CL-CURRENT: 704/257; 704/251

INT-CL-ISSUED:

 TYPE
 IPC
 DATE
 IPC-OLD

 IPCP
 G10L15/00
 20060101
 G10L015/00

INT-CL-CURRENT:

**TYPE IPC DATE** CIPP G10 L 15/00 20060101

L4: Entry 4 of 15

File: USPT

Dec 14, 2004

US-PAT-NO: 6832192

DOCUMENT-IDENTIFIER: US 6832192 B2

\*\* See image for Certificate of Correction \*\*

TITLE: Speech synthesizing method and apparatus

DATE-ISSUED: December 14, 2004

US-CL-ISSUED: 704/260; 704/267, 704/268 US-CL-CURRENT: 704/260; 704/267, 704/268

INT-CL-ISSUED: [07] G10L 13/06

INT-CL-CURRENT:

 TYPE
 IPC
 DATE

 CIPS
 G10
 L
 13/06
 20060101

 CIPS
 G10
 L
 13/00
 20060101

L4: Entry 5 of 15

File: USPT

Oct 14, 2003

US-PAT-NO: 6633846

DOCUMENT-IDENTIFIER: US 6633846 B1

TITLE: Distributed realtime speech recognition system

DATE-ISSUED: October 14, 2003

US-CL-ISSUED: 704/257; 704/270.1 US-CL-CURRENT: 704/257; 704/270.1

INT-CL-ISSUED: [07] G10L 15/02, G10L 15/18

#### INT-CL-CURRENT:

TYPE		I	PC	DATE
CIPN	<u>G10</u>	$\underline{\mathbf{L}}$	<u>15/18</u>	20060101
CIPS	<u>G10</u>	$\underline{\mathbf{L}}$	<u>15/28</u>	20060101
CIPS	<u>G09</u>	$\underline{\mathtt{B}}$	<u>7/00</u>	20060101
CIPS	<u>G09</u>	$\underline{\mathtt{B}}$	<u>7/02</u> .	20060101
CIPS	<u>G10</u>	$\underline{\mathtt{L}}$	<u>15/00</u>	20060101
CIPN	<u>G10</u>	$\underline{\mathtt{L}}$	<u>15/14</u>	20060101
CIPS	<u>G06</u>	$\underline{\mathbf{F}}$	<u>17/30</u>	20060101

L4: Entry 6 of 15

File: USPT

Jun 6, 2000

US-PAT-NO: 6073097

DOCUMENT-IDENTIFIER: US 6073097 A

TITLE: Speech recognition system which selects one of a plurality of vocabulary

models

DATE-ISSUED: June 6, 2000

US-CL-ISSUED: 704/251; 704/255, 704/257, 704/240 US-CL-CURRENT: 704/251; 704/240, 704/255, 704/257

INT-CL-ISSUED: [07] G10L 9/00

## INT-CL-CURRENT:

TYPE	IPC			DATE
CIPS	<u>G10</u>	$\underline{\mathtt{L}}$	<u>15/00</u>	20060101
CIPS	<u>G10</u>	$\underline{\mathtt{L}}$	<u>15/18</u>	20060101
CIPS	<u>G10</u>	$\underline{\mathtt{L}}$	<u>15/28</u>	20060101
CIPS	<u>G10</u>	$\underline{\mathtt{L}}$	<u>15/06</u>	20060101
CIPS	<u>G10</u>	$\underline{\mathbf{L}}$	<u>15/22</u>	20060101
CIPS	<u>G09</u>	$\underline{\mathtt{B}}$	<u>19/04</u>	20060101
CIPS	<u>G10</u>	$\underline{\mathbf{L}}$	<u>15/26</u>	20060101

L4: Entry 7 of 15

File: USPT

May 23, 2000

US-PAT-NO: 6067514

DOCUMENT-IDENTIFIER: US 6067514 A

TITLE: Method for automatically punctuating a speech utterance in a continuous

speech recognition system

DATE-ISSUED: May 23, 2000

US-CL-ISSUED: 704/235; 704/257 US-CL-CURRENT: <u>704/235</u>; <u>704/257</u>

INT-CL-ISSUED: [07] G10L 15/26

INT-CL-CURRENT:

TYPE IPC DATE CIPS <u>G10</u> <u>L</u> <u>15/00</u> 20060101 CIPS G06  $\underline{F}$  17/27 20060101 CIPS G10 L 15/18 20060101

L4: Entry 8 of 15

File: USPT

May 16, 2000

US-PAT-NO: 6064959

DOCUMENT-IDENTIFIER: US 6064959 A

TITLE: Error correction in speech recognition

DATE-ISSUED: May 16, 2000

US-CL-ISSUED: 704/251; 704/275 US-CL-CURRENT: 704/251; 704/275

INT-CL-ISSUED: [07] G10L 15/22, G10L 15/26

INT-CL-CURRENT:

TYPE IPC DATE CIPS G10 L 15/00 20060101 CIPS <u>G10</u> <u>L</u> <u>15/06</u> 20060101 CIPS G10 L 15/22 20060101

L4: Entry 9 of 15

File: USPT

Jan 25, 2000

US-PAT-NO: 6018708

DOCUMENT-IDENTIFIER: US 6018708 A

TITLE: Method and apparatus for performing speech recognition utilizing a

supplementary lexicon of frequently used orthographies

DATE-ISSUED: January 25, 2000

US-CL-ISSUED: 704/244; 704/235, 704/240, 704/257 US-CL-CURRENT: 704/244; 704/235, 704/240, 704/257

INT-CL-ISSUED: [06] G10L 7/08

INT-CL-CURRENT:

TYPE IPC DATE CIPS G10 L 15/00 20060101 CIPN G10 L 15/22 20060101 CIPN <u>H04</u> <u>M</u> <u>3/493</u> 20060101 CIPS <u>G10</u> <u>L</u> <u>15/26</u> 20060101 CIPN <u>H04</u> <u>M</u> <u>3/487</u> 20060101

L4: Entry 10 of 15

File: USPT

Jul 6, 1999

US-PAT-NO: 592.0837

DOCUMENT-IDENTIFIER: US 5920837 A

TITLE: Word recognition system which stores two models for some words and allows selective deletion of one such model

DATE-ISSUED: July 6, 1999

US-CL-ISSUED: 704/251; 704/275 US-CL-CURRENT: 704/251; 704/275

INT-CL-ISSUED: [06] G10L 7/08

# INT-CL-CURRENT:

TYPE		I	PC	DATE
CIPS	<u>G10</u>	$\overline{\Gamma}$	<u>15/26</u>	20060101
CIPS	<u>G10</u>	$\underline{\mathbf{L}}$	<u>15/00</u>	20060101
CIPS	<u>G10</u>	$\underline{\mathtt{L}}$	<u>15/18</u>	20060101
CIPS	<u>G10</u>	$\underline{\mathtt{L}}$	<u>15/28</u>	20060101
CİPS	<u>G09</u>	<u>B</u>	<u>19/04</u>	20060101
CIPS	<u>G10</u>	$\underline{\mathtt{L}}$	<u>15/06</u>	20060101
CIPS	<u>G10</u>	$\underline{\mathtt{L}}$	<u>15/22</u>	20060101

L4: Entry 11 of 15

File: USPT

Jun 22, 1999

US-PAT-NO: 5915236

DOCUMENT-IDENTIFIER: US 5915236 A

TITLE: Word recognition system which alters code executed as a function of

available computational resources

DATE-ISSUED: June 22, 1999

US-CL-ISSUED: 704/251; 704/255, 704/257, 704/240 US-CL-CURRENT: 704/251; 704/240, 704/255, 704/257

INT-CL-ISSUED: [06] G10L 9/00

#### INT-CL-CURRENT:

TYPE		I	PC	DATE
CIPS	<u>G10</u>	$\underline{\mathbf{L}}$	<u>15/26</u>	20060101
CIPS	<u>G10</u>	$\underline{\mathbf{L}}$	<u>15/00</u>	20060101
CIPS	<u>G10</u>	$\underline{\mathbf{L}}$	<u>15/18</u>	20060101
CIPS	G10	L	15/28	20060101

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CIPS G09 B 19/04 20060101 CIPS G10 L 15/06 20060101 CIPS G10 L 15/22 20060101

L4: Entry 12 of 15

File: USPT

Jun 1, 1999

US-PAT-NO: 5909666

DOCUMENT-IDENTIFIER: US 5909666 A

TITLE: Speech recognition system which creates acoustic models by concatenating

acoustic models of individual words

DATE-ISSUED: June 1, 1999

US-CL-ISSUED: 704/251; 704/255, 704/231 US-CL-CURRENT: 704/251; 704/231, 704/255

INT-CL-ISSUED: [06] G10L 5/06

#### INT-CL-CURRENT:

TYPE		Ι	PC	DATE
CIPS	<u>G10</u>	ī	<u>15/26</u>	20060101
CIPS	<u>G10</u>	$\overline{\mathbf{L}}$	<u>15/00</u>	20060101
CIPS	<u>G10</u>	$\overline{\Gamma}$	<u>15/18</u>	20060101
CIPS	<u>G10</u>	L	<u>15/28</u>	20060101
CIPS	<u>G09</u>	<u>B</u>	<u>19/04</u>	20060101
CIPS	<u>G10</u>	L	<u>15/06</u>	20060101
CIPS	<u>G10</u>	<u>L</u>	<u>15/22</u>	20060101

L4: Entry 13 of 15

File: USPT

Mar 16, 1999

US-PAT-NO: 5884259

DOCUMENT-IDENTIFIER: US 5884259 A

TITLE: Method and apparatus for a time-synchronous tree-based search strategy

DATE-ISSUED: March 16, 1999

US-CL-ISSUED: 704/252; 704/242, 704/253, 704/256

US-CL-CURRENT: 704/252; 704/242, 704/253, 704/256, 704/256.1

INT-CL-ISSUED: [06] G10L 9/06

# INT-CL-CURRENT:

 TYPE
 IPC
 DATE

 CIPS
 G10
 L
 15/00
 20060101

 CIPS
 G10
 L
 15/08
 20060101

L4: Entry 14 of 15

File: USPT

Oct 6, 1998

US-PAT-NO: 5819223

DOCUMENT-IDENTIFIER: US 5819223 A

TITLE: Speech adaptation device suitable for speech recognition device and word

spotting device

DATE-ISSUED: October 6, 1998

US-CL-ISSUED: 704/256; 704/252, 704/243 US-CL-CURRENT: 704/256.1; 704/243, 704/252

INT-CL-ISSUED: [06] G01L 5/06

INT-CL-CURRENT:

TYPE IPC DATE

CIPP G10 L 15/00 20060101

CIPN G10 L 15/02 20060101

CIPS G10 L 15/06 20060101

L4: Entry 15 of 15

File: USPT

Aug 18, 1998

US-PAT-NO: 5797123

DOCUMENT-IDENTIFIER: US 5797123 A

TITLE: Method of key-phase detection and verification for flexible speech

understanding

DATE-ISSUED: August 18, 1998

US-CL-ISSUED: 704/256; 704/240, 704/255, 704/257 US-CL-CURRENT: 704/256.5; 704/240, 704/255, 704/257

INT-CL-ISSUED: [06] G10L 9/00

INT-CL-CURRENT:

 TYPE
 IPC
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 CIPS
 G10
 L
 15/18
 20060101

 CIPP
 G10
 L
 15/00
 20060101

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